

Mathematical Reflections



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In this investigation, you learned to compare rates, to find unit rates, and to use rates to make tables and graphs and to write equations. The following questions will help you summarize what you have learned.

Think about your answers to these questions. Discuss your ideas with other students and your teacher. Then write a summary of your findings in your notebook.

The Picked Today fruit stand sells three green peppers for \$1.50.

1.
 - a. Describe the process for finding a unit rate for the peppers.
 - b. Find two different unit rates to express the relationship between peppers and price. Explain what each unit rate tells.
 - c. Fresh Veggie sells green peppers at five for \$2.25. Compare Picked Today pepper prices with Fresh Veggie prices using two different kinds of unit rates.
 - d. How do you decide whether the larger unit rate or the smaller unit rate is the better buy?
2. How would you construct a rate table for green pepper prices at the two vegetable stands? Explain what the entries in the table tell.
3.
 - a. How would you write an equation to show the price for n peppers bought at Picked Today?
 - b. Explain how the unit rate is used in writing the equation.